



BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

FIRST AND PART BILL

Name of work:

Works Related to damaged Course due to Flood in Ward No. 10
(Doddabommasandra).

Estimated Cost :

Rs. 40.00 Lakhs

Head of Account :

P3726 Zonal Public Works - POW Works

Job Code:

010-23-000001

Name of Agency:

Sri B. Girish, No. 227., 32 A Cross, 7th Block, Jayanagar, Bangalore -
560011.

Work order No:

BBMP/EE/BTP/WO/69/2022-23 D: 10-11-2022.

Measurements Recorded on :

Sl. No.	Description of Item	Measurments				Qty	Unit	Rate	Amount
		No.s	L	B	D				
1	Removing and Resetting of Footpath Slab								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 01 to 05 is =					1069.74	Sqm	224.66	240328.00
2	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost. In all kinds of soils Depth upto 1.5 m								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 06 to 10 is =					574.16	Cum	195.60	112306.00
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8 (M5) Using 40 mm nominal size graded crushed coarse aggregates								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 11 is =					20.10	Cum	5474.63	110040.00
4	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates								
	Raft concrete For CC Drain								
	1st Main 5th Cross Nanjappa Layout W/S								
	From # 67/1	1	1	15.00	0.90	0.15	2.03		
		1	1	15.00	0.90	0.15	2.03		
		1	1	8.10	0.90	0.15	1.09		

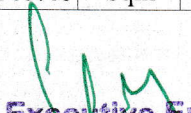
Sl. No.	Description of Item	Measurments				Qty	Unit	Rate	Amount
		No.s		L	B	D			
	E/S	1	1	12.20	0.90	0.15	1.65	5.15	
	Side Walls								
	1st Main 5th Cross Nanjappa Layout W/S								
	From # 67/1	1	2	15.00	0.15	0.60	2.70		
		1	2	15.00	0.15	0.60	2.70		
		1	2	8.10	0.15	0.60	1.46		
	E/S	1	2	12.20	0.15	0.60	2.20		
	Culverts								
	Raft								
	9th A Cross 1st Main Nanjappa Layout	1	1	6.40	1.90	0.20	2.43		
	7th A Cross 1st Main Nanjappa Layout	1	1	6.50	1.90	0.20	2.47		
	6th A Cross 1st Main Nanjappa Layout	1	1	6.30	1.90	0.20	2.39		
	5th A Cross 1st Main Nanjappa Layout	1	1	6.10	1.30	0.20	1.59		
	4th A Cross 1st Main Nanjappa Layout	1	1	8.00	1.30	0.20	2.08		
	3rd B Cross 1st Main Nanjappa Layout	1	1	5.70	1.30	0.20	1.48		
	3rd Cross 1st Main Nanjappa Layout	1	1	5.70	1.30	0.20	1.48		
		1	1	6.30	1.30	0.20	1.64		
	2nd Cross 1st Main Nanjappa Layout	1	1	6.00	1.30	0.20	1.56		
	Side Wall								
	9th A Cross 1st Main Nanjappa Layout	1	2	6.40	0.30	0.60	2.30		
	7th A Cross 1st Main Nanjappa Layout	1	2	6.50	0.30	0.60	2.34		
	6th A Cross 1st Main Nanjappa Layout	1	2	6.30	0.30	0.60	2.27		
	5th A Cross 1st Main Nanjappa Layout	1	2	6.10	0.30	0.60	2.20		
	4th A Cross 1st Main Nanjappa Layout	1	2	8.00	0.30	0.90	4.32		
	3rd B Cross 1st Main Nanjappa Layout	1	2	5.70	0.30	0.60	2.05		
	3rd Cross 1st Main Nanjappa Layout	1	2	5.70	0.30	0.60	2.05		
		1	2	6.30	0.30	0.60	2.27		
	2nd Cross 1st Main Nanjappa Layout	1	2	6.00	0.30	0.60	2.16		
							54.93		
	Ramp					Av.			
	9th A Cross 1st Main Nanjappa Layout	1	2	6.40	0.60	0.15	1.15		
	7th A Cross 1st Main Nanjappa Layout	1	2	6.50	0.60	0.15	1.17		
	6th A Cross 1st Main Nanjappa Layout	1	2	6.30	0.60	0.15	1.13		

Assistant Executive Engineer
Vidyaranya pura Sub Division
B.B.M.P, Bangalore - 97

Sl. No.	Description of Item	Measurements				Qty	Unit	Rate	Amount
		No.s	L	B	D				
	Date of Recording:								
5	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
	Qty as per Premeasurement Recorded vide E-Bill Page No. 12 is =					3.92	Ton	96926.00	379950.00
6	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge of the Work.								
	Precast Covering Slab for CC Drain								
	1st Main 5th Cross Nanjappa Layout W/S								
	From # 67/1	1	1	15.00	0.90	13.50			
		1	1	15.00	0.90	13.50			
		1	1	8.10	0.90	7.29			
	E/S	1	1	12.20	0.90	10.98			
	Deduct BS Slab	1	1	-3.70	0.90	-3.33			
	BEL 2nd Block 5th Cross								
	L/S # 1011 same property edge	1	1	6.20	0.75	4.65			
	BEL 2nd Block 3rd Cross								
	L/S Corner Building to # 1103	1	1	12.20	0.75	9.15			
	# 1013 to Same edge Building								
		1	1	7.10	0.75	5.33			
	Vacant Land portion								
		1	1	10.00	0.75	7.50			
	# 1015 to 1016								
		1	1	13.00	0.75	9.75			
	# 1016 to 1017								
		1	1	12.40	0.75	9.30			
	# 1018 to Vacant Land (beside # 1021)								
		1	1	22.80	0.75	17.10			
	# 1025/1 to Same edge Building								
		1	1	8.80	0.75	6.60			
	R/S								
	From Corner Property # 1009	1	1	29.20	0.75	21.90			
	# 1008 to 1007	1	1	13.00	0.75	9.75			
	# 1004 to 1003	1	1	14.60	0.75	10.95			
	4th Main BEL layout 2nd Block								
	R/S # 1078 to 1077	1	1	8.20	0.75	6.15			
	R/S # 1075 to 1074	1	1	8.60	0.75	6.45			
	L/S								
	# 1061 to 1062	1	1	17.40	0.90	15.66			
	# 1062 to Dead End Road	1	1	15.00	0.90	13.50			
		1	1	15.00	0.90	13.50			
		1	1	15.00	0.90	13.50			
	SLV Kaveri 3 Road								
	R/S # 1073 to 1073/1	1	1	10.10	0.75	7.58			
		1	1	6.10	0.75	4.58			
	# 1106 to 1145	1	1	17.00	0.75	12.75			
	R/S								
	# 1146 to Compound Dead End	1	1	15.00	0.75	11.25			
	2nd Main Road BEL 2nd Block								
	L/S 1146 to 1165	1	1	15.00	0.75	11.25			

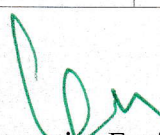
Sl. No.	Description of Item	Measurments				Qty	Unit	Rate	Amount
		No.s	L	B	D				
		1	1	15.00	0.75	11.25			
		1	1	10.00	0.75	7.50			
	R/S								
	# 1127 to 1145	1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	7.50	0.75	5.63			
	3rd Main Road BEL 2nd Block								
	L/S Corner Building to # 1124	1	1	15.00	0.75	11.25			
		1	1	9.00	0.75	6.75			
	R/S # 1090 to 1104								
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	7.30	0.75	5.48			
		1	1	15.00	0.75	11.25			
		1	1	12.00	0.75	9.00			
	Jyothi Boutique and Tailor Shop opp to Park Road								
	From Fencing Point Kaveri Park Road to 4th Cross Fencing edge Point	1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	10.40	0.75	7.80			
	Towards Ward Office Road								
	From Fencing Point Kaveri Park Road to RO Point	1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		1	1	15.00	0.75	11.25			
		Total qty =				503.48			
		Qty Ltd to Tender Qty =				503.46	Sqm	2234.20	1124830.00


Assistant Engineer
Ward No. 10


Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Sl. No.	Description of Item	Measurements				Qty	Unit	Rate	Amount
		No.s	L	B	D				
	Date of Recording:								
7	Providing & fixing RCC Precast Cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 200mm & down size with steel reinforcement including formwork, lift charges, curing & concrete finished surface both sides etc., And as per drawing & the direction of Engineer-in-charge.								
	Culvert (deck)								
	9th A Cross 1st Main Nanjappa Layout	1	1	6.40	1.80	11.52			
	7th A Cross 1st Main Nanjappa Layout	1	1	6.50	1.80	11.70			
	6th A Cross 1st Main Nanjappa Layout	1	1	6.30	1.80	11.34			
	5th A Cross 1st Main Nanjappa Layout	1	1	6.10	1.20	7.32			
	4th A Cross 1st Main Nanjappa Layout	1	1	8.00	1.20	9.60			
	3rd B Cross 1st Main Nanjappa Layout	1	1	5.70	1.20	6.84			
	3rd Cross 1st Main Nanjappa Layout	1	1	5.70	1.50	8.55			
		1	1	6.30	1.20	7.56			
	2nd Cross 1st Main Nanjappa Layout	1	1	6.00	1.20	7.20			
		Total qty =				81.63			
		Qty Ltd to Tender Qty =				72.00	Sqm	5179.60	372931.00
8	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum.								
	Same as Qty Vide Item No.2					539.71			
						Total qty.	539.71	Cum	77.82
									42000.00
9	Cost of Haulage Excluding Loading and Unloading, Case-1 : Surfaced Road A Taking output 10 t load and lead 10 km = 100 t.km								
	Same as Qty Vide Item No.8					539.71	Cum		
		540			1.28	690.82	Tonnes		
		691			9.80	6770.03	t.kms		
						Total qty.	6770.03	t.kms	11.50
									77855.00
								Sub Total	2987091.00
								Add GST 18%	537676.00
								TOTAL	3524767.00


Assistant Engineer
Ward No. 10


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